

Title (en)

IMAGING OPTICAL SYSTEM, IMAGING DEVICE AND IMAGING SYSTEM

Title (de)

OPTISCHE ABBILDUNGSVORRICHTUNG, ABBILDUNGSVORRICHTUNG UND ABBILDUNGSSYSTEM

Title (fr)

SYSTÈME OPTIQUE D'IMAGERIE, DISPOSITIF D'IMAGERIE ET SYSTÈME D'IMAGERIE

Publication

EP 2966488 B1 20191127 (EN)

Application

EP 15175323 A 20120830

Priority

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- EP 12182432 A 20120830

Abstract (en)

[origin: EP2573605A2] An imaging device includes two imaging optical systems each of the imaging optical systems including a wide-angle lens having an angle of view wider than 180 degrees, and an imaging sensor configured to image an image by the wide-angle lens, so as to obtain an image in a solid angle of 4 π radian by synthesizing the images by the respective imaging optical systems, wherein the wide-angle lens of each of the imaging optical systems includes, in order from an object side to an image side, a front group having a negative power, a reflection surface and a back group having a positive power, and is configured to bend an optical axis of the front group by the reflection surface at 90 degrees toward the back group.

IPC 8 full level

G02B 13/06 (2006.01); **G02B 17/02** (2006.01); **H04N 5/225** (2006.01); **H04N 5/232** (2006.01)

CPC (source: EP US)

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